

DRAFT**PATENT****IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 09/954,835
Filing Date: September 18, 2001
Applicant: Monica A. Jacinto et al.
Group Art Unit: 1742
Examiner: Andrew E. Wessman
Title: Burn Resistant and High Tensile Strength Metal Alloys
Attorney Docket: 7784-000255

Commissioner of Patents and Trademarks
Washington, D.C. 20231

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FOR DISCUSSION ONLY**PROPOSED AMENDMENTS IN THE CLAIMS**

1. (AMENDED) A burn resistant and high tensile strength alloy, comprising:
 - about 55 to about 75 weight percent nickel;
 - about 12 to about 17 weight percent cobalt;
 - [at most about] less than 12 weight percent chromium;
 - about 1 to about 4 weight percent aluminum; and
 - about 1 to about 4 weight percent titanium.

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11. (AMENDED) A nickel alloy, comprising:
- at least [about] 72 weight percent nickel;
 - about 13.5 to about 16.5 weight percent cobalt;
 - about 6 to about 15 weight percent chromium;
 - about 1 to about 4 weight percent aluminum; and
 - about 1 to about 4 weight percent titanium.
18. (AMENDED) A nickel-based metal alloy comprising:
- at least 50 weight percent nickel;
 - less than [about] 12 weight percent chromium;
 - a threshold pressure at least about 4,000 pounds per square inch; and
 - a tensile strength at least about 160,000 pounds per square inch.